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(54) Title: DEFENSIN PROTINS

Predicted nucleotide sequence of INSP108 with translation

1 ttgttccaaa aggttcacta gccatgcagc tccccgtctc ttcaaagctg cggagagagt
61 gactctccga tgagtcacag ctgtttcttt gctgatttgt atggccacaa ggagcgctct
m a t r s v
INSP108-F1
→

121 cttggccctc gtggccctta acttactctt ctatgttcca ccaggttagaa gtggacccaa
1 l a 1 v v 1 n 1 f y v p p g r s g p
INSP108-R1
←

181 tgtctacata caaaaaatct ttgttccatg ttggcgactg caaggtactt gccggccaaa
n v y i q k i f a s c w r l q g t c r p

241 atgtctaaaa aacgaacaat atcgtatccc gtgtgatact atacattttgt gctgtgtaaa
k c l k n e q y r i l c d t i h l c c v

301 cccaaaatat ttacccatac tgactggaa atagttgtga gtacctgaaa gctgttgctg
n p k y l p i l t g k
INSP108-R1
←

361 atttcctctg ggaaccaga tccctctc tag ttgcaccatt cgattaaaac aatggctta
421 gcctatcagt gttc

Position and sense of PCR primers →
Underlined: signal sequence

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(57) Abstract: This invention relates to the novel proteins, termed INSP 108 and INSP 109, herein identified as members of the defensin family of proteins and to the use of these proteins and nucleic acid sequences from the encoding genes in the diagnosis, prevention and treatment of disease.



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